

REMARKS

Claims 1-35 are pending in the application.

Claims 1-35 are rejected under 35 U.S.C. §103 as being unpatentable over Peterzell et al. (5,722,063) in view of Sevic et al. (6,069,525).

It should be noted that Peterzell et al., U.S. Patent No. 5,930,692, rather than U.S. Patent No. 5,722,063 has been listed in the Examiner's Notice of References Cited, and a copy of U.S. Patent No. 5,930,692 was sent to the Applicant. The Peterzell et al. prior application was matured into U.S. Patent No. 5,722,063. In any event, the disclosures of both patents with the exception of the claims are believed to be similar or identical.

Peterzell teaches a method and apparatus which detect the power level of a received signal. The low noise amplifier is by-passed if the power level meets or exceeds a predetermined power threshold. In the Peterzell et al. apparatus, an amplifier is coupled to a switch and a controller. Switches are used to change the front-end gain.

The Examiner admitted that Peterzell et al. fails to suggest a control portion to select an amplifier according to the communication system of the received signal but cited the Sevic et al. patent as teaching plural amplifiers and a control circuit 102 coupled to the amplifiers for varying the supply voltage and a bias signal in response to a mode select signal.

Independent claims 1, 17, 34 and 35 have been herein amended to more clearly define the invention over the prior art.

Antecedent basis for the amendments is provided, for example, on page 7, lines 20-26, and specifically on page 8, lines 8-16, and page 18, last paragraph to page 19, lines 1-15.

The present invention as claimed is a radio receiver which includes plural types of amplifiers each of which is dedicated to one corresponding mode of the plural radio communication modes, of which each amplifier amplifies a received signal according to said one corresponding radio communication mode.

Neither Peterzell nor Sevic, taken singly or in combination, suggests the above feature.

Claim 17, as amended, sets forth a radio receiver includes a single amplifier shared by plural types of radio communication modes and a control portion for changing an operating condition of the single amplifier into that adapted to the radio communication mode of the received signal.

The cited art, even if combined, fails to suggest such radio receiver.

Claim 34, as amended, recites a signal amplifying method in a radio receiver includes a step of selecting one of plural types of amplifiers, each of which is dedicated to one corresponding mode among the radio communication modes, according to the radio communication mode of a received signal.

The subject matter of amended claim 34 is not obvious over Peterzell and Sevic, taken individually or in combination.

Claim 35, as amended, calls for a signal amplifying method in a radio receiver includes a step of changing an operating condition of a single amplifier, which is shared by

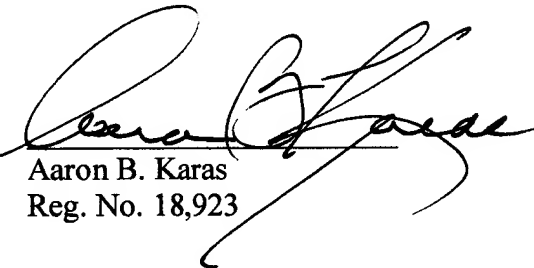
the radio communication modes, for amplifying a received signal into a single adapted to the radio communication mode of the received signal.

The claimed subject matter of amended claim 35 is neither taught nor suggested by Peterzell and Sevic, taken individually or in combination.

In view of the foregoing, it is respectfully submitted that claims 1-35 are allowable over the art.

Reconsideration and allowance are most respectfully solicited.

Respectfully submitted,



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